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File: DWPI

Jan 20, 1998

DERWENT-ACC-NO: 1998-140919

DERWENT-WEEK: 199813

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TITLE: Lipid in blood improving drug and food additives - comprises phospho-lipid containing docosa-hexa:enoic acid

PATENT-ASSIGNEE:

ASSIGNEE	CODE
SAGAMI CHEM RES CENTRE	SAGA

PRIORITY-DATA: 1996JP-0165951 (June 26, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 10017475 A	January 20, 1998		004	A61K031/66

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP10017475A	June 26, 1996	1996JP-0165951	

INT-CL (IPC): A23L 1/30; A61K 31/66

ABSTRACTED-PUB-NO: JP10017475A

BASIC-ABSTRACT:

Lipid used in blood improving drug comprises phospholipid containing docosahexaenoic acid (DHA). Also claimed are food additives containing the above phospholipid.

The phospholipid preferably contains > 10 % phosphatidylcholine, phosphatidyl ethanolamine, phosphatidyl glycerol and/or phosphatidylserine. The amount of DHA in phospholipid is > 15 (preferably > 30) %. Phospholipid is obtained from the skin of squid. The amount of phospholipid in the drug is 0.1-50 (preferably 0.2-10) wt%. The food additives are added into soybean custard, fermented soybeans, bread, cakes, cookies, jelly, fish meat processed food, instant noodles, drink, cheese, butter, yogurt and meat processed food. The amount of additives in the food as DHA is 10 mg to 10 g/100g.

USE - The drug is used for the prevention and treatment of vascular diseases such as arteriosclerosis. The dosage of DHA is 1-1500 mg/day.

ADVANTAGE - Lipid in blood improving drug and food additives lowers total cholesterol and neutral lipid and increases high density lipoprotein cholesterol.

CHOSEN-DRAWING: Dwg.0/2

TITLE-TERMS: LIPID BLOOD IMPROVE DRUG FOOD ADDITIVE COMPRISE PHOSPHO LIPID CONTAIN DOCOSA HEXA ENOIC ACID

DERWENT-CLASS: B05 D13

CPI-CODES: B04-B01B; B05-B01P; B10-C04E; B14-F07; D03-H01T2;

CHEMICAL-CODES:

Record Display Form

Chemical Indexing M1 *01*
Fragmentation Code
M423 M431 M782 M903 P814 Q220 V600 V645 V771

Chemical Indexing M2 *02*
Fragmentation Code
B415 B701 B713 B720 B815 B831 H4 H404 H484 H8
M280 M313 M322 M332 M343 M383 M392 M411 M431 M510
M520 M530 M540 M620 M782 M903 M904 P814 Q220
Markush Compounds
199813-16901-M

Chemical Indexing M2 *03*
Fragmentation Code
H7 H723 J0 J011 J1 J171 M226 M231 M262 M281
M320 M416 M431 M782 M903 M904 P814 Q220
Specfic Compounds
04471M

Chemical Indexing M2 *04*
Fragmentation Code
B415 B701 B713 B720 B815 B831 H1 H100 H181 H721
H722 J0 J013 J1 J171 J2 J272 M220 M224 M225
M226 M231 M232 M233 M262 M282 M312 M313 M321 M332
M342 M343 M349 M381 M383 M391 M411 M431 M510 M520
M530 M540 M620 M782 M903 M904 P814 Q220
Specfic Compounds
17037M

Chemical Indexing M2 *05*
Fragmentation Code
B415 B701 B713 B720 B815 B831 H1 H181 H721 H722
J0 J012 J2 J272 K0 L7 L722 M210 M211 M225
M231 M262 M273 M282 M283 M312 M313 M321 M332 M342
M343 M383 M392 M411 M431 M510 M520 M530 M540 M620
M782 M903 M904 M910 P814 Q220 V0 V771
Specfic Compounds
01833M
Registry Numbers
1833U

Chemical Indexing M2 *06*
Fragmentation Code
B415 B701 B713 B720 B815 B831 H100 H181 H721 H722
J0 J012 J2 J272 M225 M226 M231 M262 M282 M312
M313 M321 M332 M342 M343 M383 M392 M411 M431 M510
M520 M530 M540 M620 M782 M903 M904 P814 Q220 V0
V771
Specfic Compounds
08754M

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1833U

SECONDARY-ACC-NO:
CPI Secondary Accession Numbers: C1998-045836